

Section 88 Engineering Fabrics

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4-8801 General

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Section 88, “Engineering Fabrics,” of the *Standard Specifications* provides material requirements for three types of engineering fabrics. Pavement reinforcing fabric (PRF) is used as an interlayer in asphalt concrete overlays to minimize surface water infiltration and to minimize reflective cracking through the overlay. Filter fabric is placed between a freely draining aggregate and soil to allow passage of water and to retain fine soil particles. Rock slope protection (RSP) fabric serves the same purpose. As with filter fabric, RSP is placed between rock slope protection and the underlying foundation material.

Section 39, “Asphalt Concrete,” of the *Standard Specifications* includes requirements for placing PRF. Section 68, “Subsurface Drains,” of the *Standard Specifications*, provides requirements for placing filter fabric used with underdrains and edge drains. Specifications for placing RSP fabric are in Section 72, “Slope Protection,” of the *Standard Specifications*.

4-8802 Before Work Begins

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Before work begins, perform the following steps:

- Verify the receipt and proper distribution of Form CEM-3101, “Notice of Materials to Be Used,” which lists engineering fabrics.
- Remind the contractor to ensure that samples of filter fabric and RSP fabric that are treated with ultraviolet radiation (UV) protection are submitted to the Office of Materials Engineering and Testing Services (METS) at least 45 days before use.

4-8803 During the Course of Work

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Once work begins, take the following steps:

- Do not permit the use of engineering fabrics until certificates of compliance covering the material have been submitted.
- Ensure that UV treated fabric has been inspected by METS.
- Order the removal and replacement of filter fabric that has not been treated with UV protection and that has been exposed for more than 72 hours.

4-8804 Measurement and Payment

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Measurement and payment clauses are included in the *Standard Specification* sections or special provisions providing for placement of the various types of engineering fabrics.